

DERWENT-ACC-NO: 1984-078764

DERWENT-WEEK: 198413

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TITLE: Water redispersible cationic resin  
powder - prepd. by drying and powdering (1) cationic vinyl  
polymerised aq. emulsion opt. mixed with (2) water  
soluble high molecular cpds.

PATENT-ASSIGNEE: HOECHST GOSEI KK[FARH]

PRIORITY-DATA: 1983JP-0100011 (August 10, 1982) ,  
1981JP-0007397 (January 20,  
1981)

PATENT-FAMILY:

PUB-NO	PAGES	MAIN-IPC	PUB-DATE	LANGUAGE
JP 59030827 A	006	N/A	February 18, 1984	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP 59030827A	N/A	1983JP-0100011
APPL-DATE		
August 10, 1982		

INT-CL (IPC): C08J003/12

RELATED-ACC-NO: 1982-75226E

ABSTRACTED-PUB-NO: JP 59030827A

BASIC-ABSTRACT:

The present cationic resin powder is insol. in water. Pref.  
(1) includes an  
emulsion prepd. by adding cationic cpds. to nonionic or  
weakly ionic vinyl type  
polymer aq. emulsions or prepd. by emulsion-polymerising

vinyl monomers in a  
system where cationic gp.-contg. cpds. are introduced.  
Cationic cpds. pref.  
include cationic starch, alkylamines, alkylaminoethanols.  
For introduction of  
cationic gp.-contg. cpds. into the emulsion polymerisation  
system, cationic  
gp.-contg. emulsifiers, e.g. cationic PVA, or cationic  
gp.-contg. comonomers  
e.g. dimethylaminoethyl (meth)acrylate, or cationic  
gp.-contg. polymerisation  
catalysts e.g. 2,2-azobis(2 -amidinopropane) are used. Use  
of (2) improves the  
redispersibility of the resin powder.

The present resin powder has good redispersibility in water  
and, when  
redispersed, shows high adherence and film-forming property.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: WATER REDISPERSIBLE CATION RESIN POWDER

PREPARATION DRY POWDER

CATION VINYL POLYMERISE AQUEOUS EMULSION OPTION

MIX WATER SOLUBLE

HIGH MOLECULAR COMPOUND

DERWENT-CLASS: A18 A82 E16 G02

CPI-CODES: A11-A04; A12-B01; A12-S09; G02-A02B; G02-A02C;  
G02-A02D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0007 0034 0226 0494 0501 3061 1989 2007 2024

2066 2271 2272 2276

2325 2386 2504 2541 2575 2718

Multipunch Codes: 014 02& 030 034 074 076 077 081 231 244 245

259 264 265 273

311 318 324 368 393 397 402 408 409 436 477 52& 532 537 691

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-033766